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PATENT
ATTORNEY DOCKET NO. 50195/008003

1632
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I hereby certify under 37 C.F.R. § 1.8(a) that this correspondence is being deposited with the United States Postal Service as **first class mail** with sufficient postage on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Colleen Coyne
Printed name of person mailing correspondence

Colleen Coyne
Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James M. Robl et al.

Art Unit: 1632

Serial No.: 09/988,115

Examiner: Not Yet Assigned

Filed: November 16, 2001

Customer No.: 21559

Title: EXPRESSION OF XENOGENOUS (HUMAN)
IMMUNOGLOBULINS IN CLONED, TRANSGENIC UNGULATES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST TO CORRECT INVENTORSHIP UNDER 37 C.F.R. § 1.48(a)

Applicant hereby requests correction of inventorship in the above-captioned
application from:

James M. Robl, Richard A. Goldsby, Stacy E. Ferguson, Yoshimi Kuroiwa, Kazuma
Tomizuka, and Isao Ishida

to

James M. Robl, Richard A. Goldsby, Stacy E. Ferguson, Yoshimi Kuroiwa, Kazuma
Tomizuka, Isao Ishida, and Barbara A. Osborne.

The inventors set forth in the executed declaration under 37 C.F.R. § 1.63 that was

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130.00 OP

filed in this case on June 3, 2002 were in error. In support of this request, enclosed are:

A statement from each person being added as an inventor and each person being deleted as an inventor that the error in inventorship occurred without deceptive intent;

A newly executed declaration under 37 C.F.R. § 1.63 by the actual inventors;

A check for \$130.00 for the fee required under 37 C.F.R. § 1.17(i); and

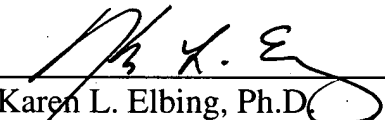
A written consent of the assignees to this correction of inventorship.

If there are any other charges or any credits, please apply them to Deposit Account

No. 03-2095.

Respectfully submitted,

Date: 14 December 2003



Karen L. Elbing, Ph.D.
Reg. No. 35,238

Clark & Elbing LLP
101 Federal Street
Boston, MA 02110
Telephone: 617-428-0200
Facsimile: 617-428-7045

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Alexandria, VA 22313-1450

REQUEST TO CORRECT INVENTORSHIP UNDER 37 C.F.R. § 1.48(a)
CONSENT OF ASSIGNEE

I, Koichiro Aramaki, hereby declare that:

As an officer of a concern to which the above-captioned patent has been assigned,

I hereby consent to the correction of inventorship of this application from:

James M. Robl, Richard A. Goldsby, Stacy E. Ferguson, Yoshimi Kuroiwa, Kazuma Tomizuka, and Isao Ishida

to

James M. Robl, Richard A. Goldsby, Stacy E. Ferguson, Yoshimi Kuroiwa, Kazuma

Tomizuka, Isao Ishida, and Barbara A. Osborne.

All statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date October 15, 2003

A handwritten signature in black ink, appearing to read 'Koichiro Aramaki', written over a horizontal line.

Koichiro Aramaki
Kirin Beer Kabushiki Kaisha
10-1, Shinkawa 2-chome, Chuo-ku
Tokyo, 104-8288 JAPAN



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Applicant: James M. Robl et al.

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST TO CORRECT INVENTORSHIP UNDER 37 C.F.R. § 1.48(a)
CONSENT OF ASSIGNEE

I, James Barton, hereby declare that:

As an officer of a concern to which the above-captioned patent has been assigned,

I hereby consent to the correction of inventorship of this application from:

James M. Robl, Richard A. Goldsby, Stacy E. Ferguson, Yoshimi Kuroiwa, Kazuma Tomizuka, and Isao Ishida

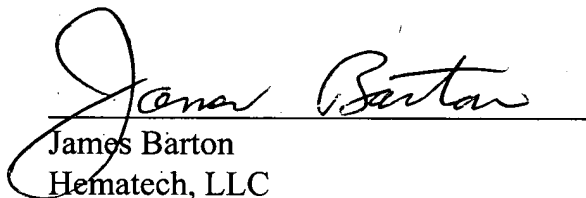
to

James M. Robl, Richard A. Goldsby, Stacy E. Ferguson, Yoshimi Kuroiwa, Kazuma

Tomizuka, Isao Ishida, and Barbara A. Osborne.

All statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date _____


James Barton
Hematech, LLC
33 Riverside Avenue
2nd Floor
Westport, CT 06880



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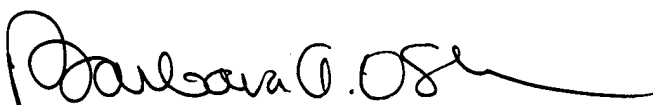
REQUEST TO CORRECT INVENTORSHIP UNDER 37 C.F.R. § 1.48(a)
DECLARATION OF ADDED INVENTOR

I, Barbara A. Osborne, hereby declare:

1. That through error and without deceptive intent on my part, the above-referenced application was filed naming James M. Robl, Richard A. Goldsby, Stacy E. Ferguson, Yoshimi Kuroiwa, Kazuma Tomizuka, and Isao Ishida rather than James M. Robl, Richard A. Goldsby, Stacy E. Ferguson, Yoshimi Kuroiwa, Kazuma Tomizuka, Isao Ishida, and Barbara A. Osborne.

2. That all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize that validity of the application or any patent issuing thereon.

Date: 11/4/03


Barbara A. Osborne



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PATENT

ATTORNEY DOCKET NO. 50195/008003

DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **EXPRESSION OF XENOGENOUS (HUMAN) IMMUNOGLOBULINS IN CLONED, TRANSGENIC UNGULATES** the specification of which was filed on November 16, 2001 as Application Serial No. 09/988,115.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with 37 C.F.R. § 1.56.

FOREIGN PRIORITY RIGHTS: I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or (f), or § 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Country	Serial Number	Filing Date	Priority Claimed?
			Yes/No

PROVISIONAL PRIORITY RIGHTS: I hereby claim priority benefits under 35 U.S.C. § 119(e) of any United States provisional patent application(s) listed below filed by an inventor or inventors on the same subject matter as the present application and having a filing date before that of the application(s) of which priority is claimed:

Serial Number	Filing Date	Status
60/311,625	August 9, 2001	Abandoned
60/256,458	December 20, 2000	Abandoned

NON-PROVISIONAL PRIORITY RIGHTS: I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Filing Date	Status
09/714,185	November 17, 2000	Pending

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
James M. Robl	Brandon, South Dakota	26601 Tucker Drive Brandon, SD 57005 United States	US
Signature: <i>James M. Robl</i>			Date: 10/31/03

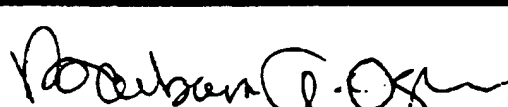
Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Richard A. Goldsby	Leverett, Massachusetts	54 Depot Road Leverett, MA 01054 United States	US
Signature: <i>Richard A. Goldsby</i>			Date: 10/28/03

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Stacy E. Ferguson	Dallas, Texas	5445 Preston Oaks Rd. Apt. 721 Dallas, TX 75254	US
Signature: <i>Stacy E. Ferguson</i>			Date: 12/9/03

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Yoshimi Kuroiwa	Takasaki, Japan	B503 11 Miyahara-cho Takasaki-shi Gunma 370-1202 Japan	Japan
Signature: <i>Yoshimi Kuroiwa</i>			Date: 10/30/03

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Kazuma Tomizuka	Takasaki, Japan	401, RM2 Takasaki 110-1, Yashima-cho Takasaki-shi, Gunma 370-0849, Japan	Japan
Signature:			Date:

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Isao Ishida	Isehara, Japan	352-6 Kushihashi, Isehara-shi, Kanagawa-ken 259-1136 Japan	Japan
Signature:			Date:

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Barbara A. Osborne	Leverett, Massachusetts	54 Depot Road Leverett, MA 01054 United States	US
Signature: 			Date: 10/28/03

PATENT
ATTORNEY DOCKET NO. 50195/008003

DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **EXPRESSION OF XENOGENOUS (HUMAN) IMMUNOGLOBULINS IN CLONED, TRANSGENIC UNGULATES** the specification of which was filed on November 16, 2001 as Application Serial No. 09/988,115.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

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Country	Serial Number	Filing Date	Priority Claimed?
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Serial Number	Filing Date	Status
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.


Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
James M. Robl	Brandon, South Dakota	26601 Tucker Drive Brandon, SD 57005 United States	US
Signature:			Date:

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Richard A. Goldsby	Leverett, Massachusetts	54 Depot Road Leverett, MA 01054 United States	US
Signature:			Date:

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Stacy E. Ferguson	Dallas, Texas	5445 Preston Oaks Rd. Apt. 721 Dallas, TX 75254	US
Signature:			Date:

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Yoshimi Kuroiwa	Takasaki, Japan	B503 11 Miyahara-cho Takasaki-shi Gunma 370-1202 Japan	Japan
Signature:			Date:

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Kazuma Tomizuka	Takasaki, Japan	401, RM2 Takasaki 110-1, Yashima-cho Takasaki-shi, Gunma 370-0849, Japan	Japan
Signature: 			Date: 24 Oct, 03

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Isao Ishida	Isehara, Japan	352-6 Kushihashi, Isehara-shi, Kanagawa-ken 259-1136 Japan	Japan
Signature: 			Date: 21 Oct, 03

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Barbara A. Osborne	Leverett, Massachusetts	54 Depot Road Leverett, MA 01054 United States	US
Signature:			Date: